

Patent Abstracts of Japan

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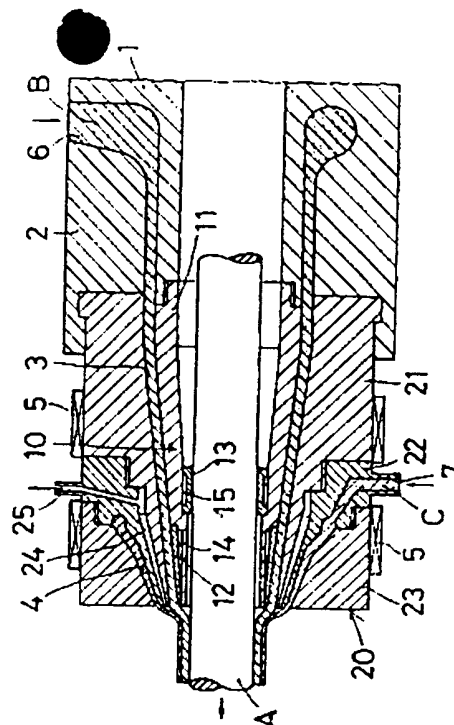
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TITLE : TWO-COAT SIMULTANEOUS  
EXTRUSION CROSSHEAD



ABSTRACT : PURPOSE: To contrive prevention of generation of voids due to thermal decomposition of an inner sheathing material by reducing heat transfer between the two sheathing materials by improving heat insulation capacity between the sheathing material passages, by drawing a vacuum of a heat insulation space provided between the passages by making outlets of an inner and outer sheathing material passages independently of each other.

CONSTITUTION: An annular heat insulation space 24 is provided between a first member 21 and second member 22. Outlets of extrusion passages 3, 4 are released further at a front end surface of an extrusion die 20 by making the respective outlets of them independent of each other. An end of the heat insulation space 24 is released between the outlets of the passages 3, 4. Then the outer end of the heat insulation space 24 is provided with a vacuum drawing port 25. The heat insulation space 24 controls heat transfer from a high-temperature sheathing material to a low-temperature sheathing material, hereupon. At the time of extrusion of the sheathing material, drawing a vacuum is applied not only to the heat insulation space 24 but also to a space between a core A and the inner sheathing material B. As the outer sheathing material C is sucked by vacuum pressure in the heat insulation space 24 and pressed forcibly against the upper part of the inner sheathing material B, deterioration in adhesive force between the inner and outer sheathing material is not generated.

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